



Preserving Combat Readiness

Own the Edge Campaign 2006



Taking steps to stay in the fight

Enhancing Combat Readiness through Composite Risk Management

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Composite Risk Management

The goal of the U.S. Army's Own the Edge Campaign 2006 is to reduce Army loss and teach our Soldiers and civilians how to stay in the fight through Composite Risk Management. Preventable accidents and fatalities are taking the lives of our Soldiers and taking the strength from our battlefield and combat readiness. Our forces form the cutting edge; they are the leading edge; and by using Composite Risk Management to preserve combat readiness, our forces Own the Edge.



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Learn more at
<https://crc.army.mil>

From the CSA

General Peter J. Schoomaker, Chief of Staff of the Army



Soldiers,

I need your help. Losses in Fiscal Year 2005 alone represented over two battalions of combat power, yet less than half of these losses were the result of hostile action. The preventable loss of even one member of the Army team – Soldier, civilian, or supporting contractor – is unacceptable.



CRM

Soldiers consider themselves to be on the edge – ready to take on any challenge they might face. CRM enables Soldiers to take it one step further. It enables them to think smarter, take control, and “Own the Edge.”

This is where safety must be addressed through Composite Risk Management.

The use of Composite Risk Management allows each of us to identify, evaluate, and manage potential risks. Evaluating risk and making clear, informed decisions are key elements to staying in the fight. Risk management is not a stand-alone process but a fully integrated element of day-to-day activities. Whether engaged in combat operations or participating in recreational activities, we must take those steps necessary to protect ourselves and our fellow Soldiers from harm.

Thanks for your commitment to reducing losses and maintaining the effectiveness of our Army.

GEN Peter J. Schoomaker
General, United States Army
Chief of Staff

From the DASAF

Brigadier General Joseph Smith, Director of Army Safety



Each and every one of our Soldiers and civilians is an essential part of our Army force and combat readiness. Each injury or death in the Army reduces our combat power and must be taken personally by all of us. The Army Combat Readiness Center has transformed into a knowledge center for all loss – whether in combat, training, or off duty. The CRC is committed to empowering Soldiers at all levels with tools and training to preserve our greatest asset – America's sons and daughters.

The Army's contributions over the years go well beyond Iraq and Afghanistan to include almost 300,000 Soldiers serving in 120 countries around the world. As you provide unmatched support to our Nation, you continue to exceed every expectation for courage, dedication, and selfless service.

However, one of the challenges

we currently face is transforming our mindset so we can evaluate potential risks through Composite Risk Management in a combined effort to stay in the fight.

The purpose of this booklet is to provide Soldiers with a short guide to help them develop the skills and mindset to constantly evaluate risk and make clear, informed decisions. Since a range of decisions, from buckling your seatbelt to thoroughly checking safety protocols before missions, affects the readiness of not only the individual Soldier but also the overall unit, owning the edge at all times becomes even more critical to our daily operations. The Soldier who doesn't mentally "Own the Edge" by making wise and informed risk decisions could be letting down his unit, family,

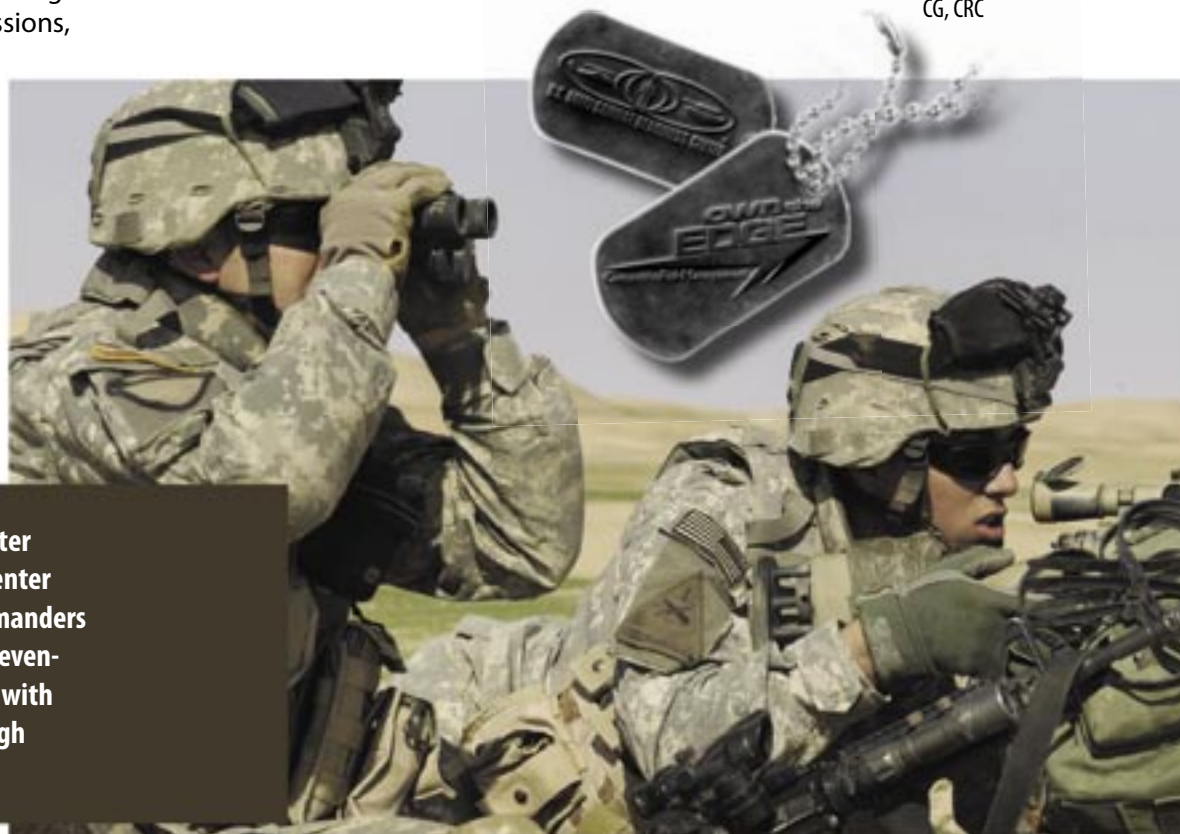
and friends while taking himself or his buddy out of the fight.

Soldiers must remember they are always part of a warfighting team, whether deployed or at home. Although the atmosphere around you might become familiar and your daily responsibilities less challenging, you must ensure individual judgment and unit responsibility to enhance your ability to stay in the fight.

We know Soldiers are on the edge, but we want them to Own the Edge through CRM. This concept puts individual Soldiers and leaders in control of how far on the edge they can operate and maintain our combat readiness and force.

Own the Edge!

Joe Smith
BG Joe Smith
Director of Army Safety
CG, CRC



The Combat Readiness Center serves as the knowledge center for all losses, helping commanders connect the dots on loss prevention and providing leaders with tools to manage risk through the process known as CRM.

Introduction to the Own the Edge Campaign 2006

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The Secretary of the Army and the Army Chief of Staff directed the CRC to be the knowledge center for all Army losses and focus on sustaining readiness.

This focus must include a cultural shift to managing all facets of risk and hazards at every level by improving training in CRM, implementing interactive Web-based tools, training and mentorship programs, marketing personal messages, collecting accident data, and developing predictive analyses through data mining. With this direction in mind, the Own the Edge Campaign 2006 outlines the future of our loss reduction and safety program efforts.

This campaign calls upon all levels of our Army team – from senior leadership and commanders to Soldiers and civilians – to constantly ask themselves, “What can take me and my buddy out of the fight?” and then use the tools and programs that can mitigate those risks and hazards.

Leaders must actively engage their Soldiers and clearly establish performance expectations that include both on- and off-duty behaviors and actions. Own the Edge encourages and encompasses unity and individual safety, as well as continuous risk evaluation and hazard mitigation

through the use of CRM.

Enhancing combat readiness in our force means we need the skill and experiences of each and every one of our Army team – Soldiers and civilians alike – to remain in the fight. The Own the Edge Campaign 2006 is a critical part of the total Army transformation and acceleration of future force capabilities while reducing loss to enhance the current force.

Are your personnel equipped with the right safety tools and knowledge to stay in the fight? Tomorrow’s mission depends on the readiness of our Army today.

Preserving human capital on the battlefield is the ultimate goal behind all safety initiatives and CRM awareness. A safety program is not successful if it does not provide the means and tools for each Soldier and civilian to participate in maintaining our combat force. Knowledge is the greatest weapon, and what you do now makes a difference. Own the Edge!



FY02-FY05 Accidental Fatalities

In fiscal 2003 through fiscal 2005, accidents resulting in fatalities claimed 1,034 Soldiers. This Army loss represents combat power no longer on the battlefield. Analysis from the past year shows from fiscal 2004 to fiscal 2005, all categories of fatalities increased except on-duty ground fatalities. Privately owned vehicle accidents resulting in fatalities account for the largest loss category.

Fiscal 2005 Army Accidents Resulted in:

- 34 aviation deaths
- 28 aircraft destroyed
 - 1 aircraft destroyed every 13 days
- \$924,288 a day in aviation Class A-C accident losses (\$337,365,117 for fiscal 2005)
- 306 Soldier deaths
 - 1 Soldier death every 29 hours (1.2 days)
- 141 Soldier POV deaths
 - 1 POV death every 62 hours (2.6 days)

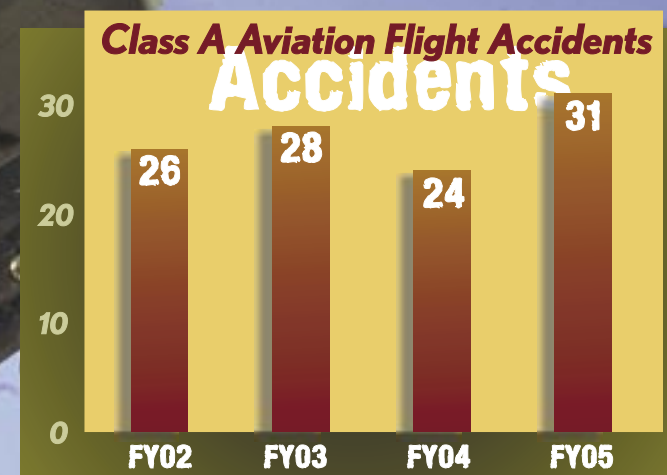
Aviation Impact on Combat Readiness

Each hour flown by Army aviators varies in exposure to hazards and risk. A combat flight hour might expose aviators to additional risks and hazards than that of a training flight hour. Additionally, higher operations tempo increases the number of combat flight hours Army aviators may experience. Regardless of these varying factors, Army aviators must treat each flight hour with the same respect and focus on safety in an effort to stay in the fight.

When viewing all flight hours as a whole, and given the Army Class A accident rate of 2.61 per 100,000 flight hours flown in fiscal 2002, our goal was 1.31 (or less) accidents per 100,000 hours flown. Our fiscal 2005 Class A accident rate of 2.75 was over twice that of our goal. In the first four months in fiscal 2006, the Army Class A rate is 2.00 per 100,000 flying hours. More than 80 percent of aviation Class A accidents are attributable to human factors.

Trends

- Poor aircrew coordination
- Inadequate mission planning on the part of the crews and units
- Assumption of low-risk mission; primarily occurs when crew or unit has failed to conduct adequate CRM
- Indiscipline or the willful violation of known standards by crewmembers



On-Duty Ground Impact on Combat Readiness

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Army Soldiers and civilians also face greater hazard and risk factors during increased ground operations tempo. This exposure is a challenge whether in training or in combat, and each action or mission must be treated with the same respect and focus on safety in an effort to stay in the fight.

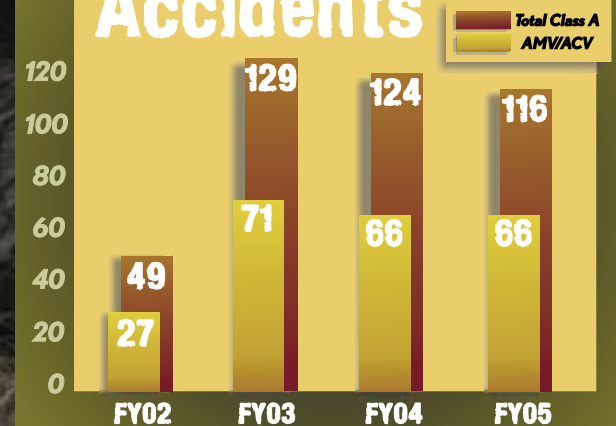
In fiscal 2002, there were 46 Class A accidents and 43 fatalities. In fiscal 2003, the number of Class A accidents nearly tripled and the number of Army fatalities more than doubled. Specifically, in fiscal 2003, there were 128 Class A accidents and 98 fatalities. Since fiscal 2003, while the number of Class A accidents has declined, the number of fatalities has continued to rise. Fiscal 2005 ended with 110 Class A accidents and 103 Soldiers killed. HMMWV rollovers and physical training accidents account for a major proportion of these increases.

Trends

- Physical exertion and overuse injuries
- Rollovers
- Seatbelt usage

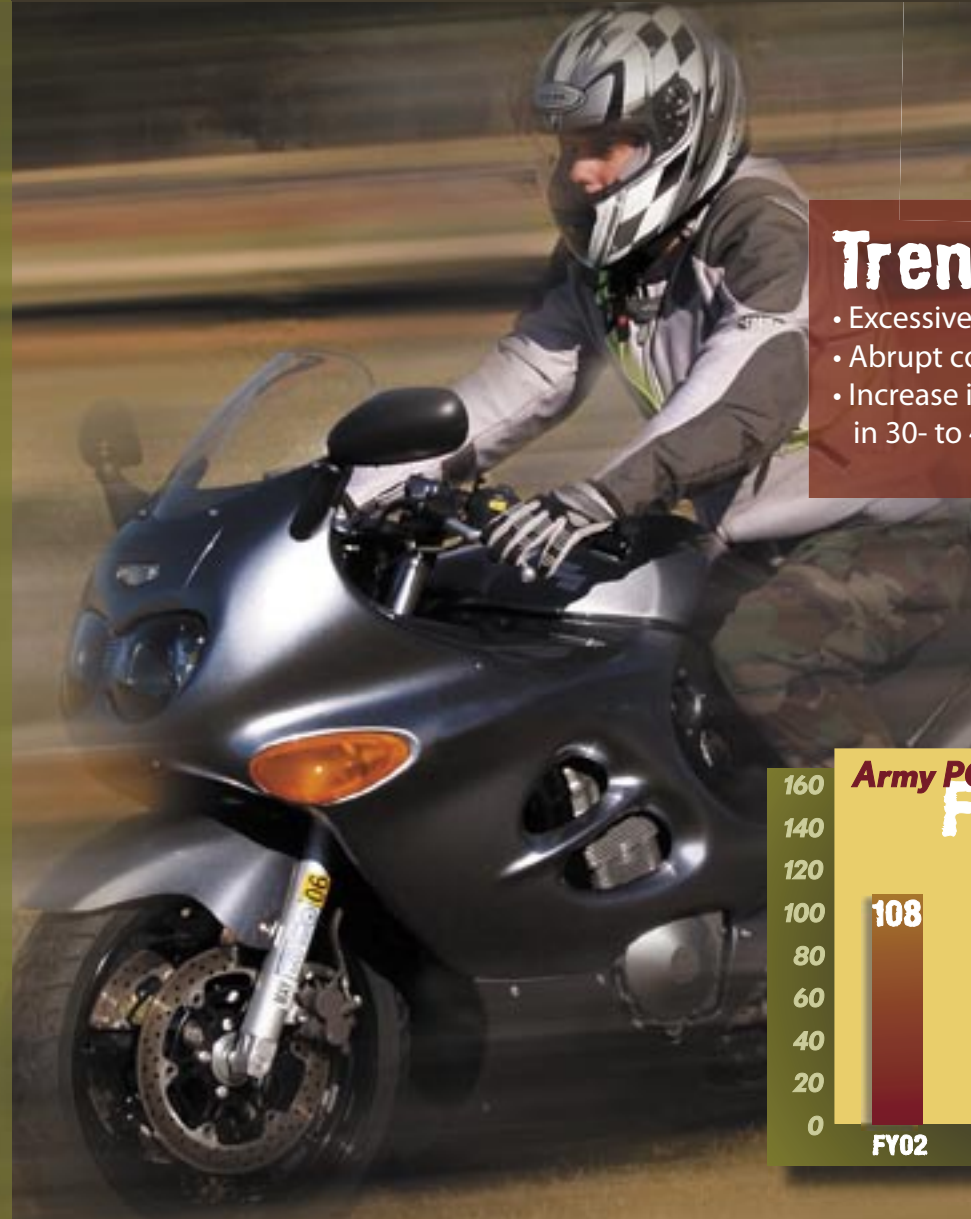
Class A Ground Accidents (on-duty)

Accidents



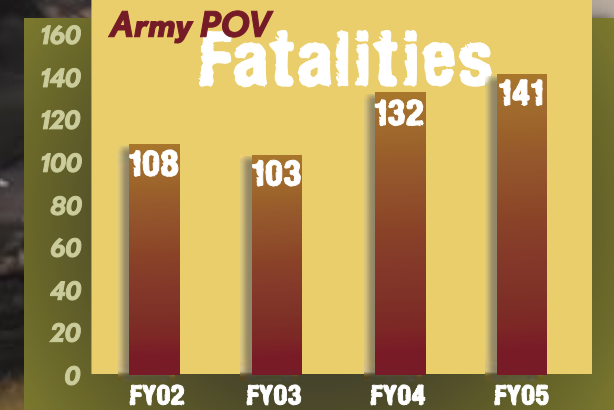
POV Impact on Combat Readiness

While POV fatalities (not including motorcycles) decreased by 12 percent from fiscal 2004 to fiscal 2005, motorcycle fatalities have nearly doubled (96 percent). Forty-five Soldiers died in motorcycle accidents in fiscal 2005 compared to 23 in fiscal 2004. In the first five months of fiscal 2006, nine Soldiers were killed in motorcycle accidents.



Trends

- Excessive speed
- Abrupt control or steering response
- Increase in motorcycle accidents in 30- to 40-year-old age group



Off-Duty Impact on Combat Readiness

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Off-duty (non-POV) fatalities decreased 18 percent between fiscal 2002 and fiscal 2005 but still continue to be an area of concern. The most frequent activities that are associated with off-duty fatalities continue to be sports activities, particularly water-related sports.

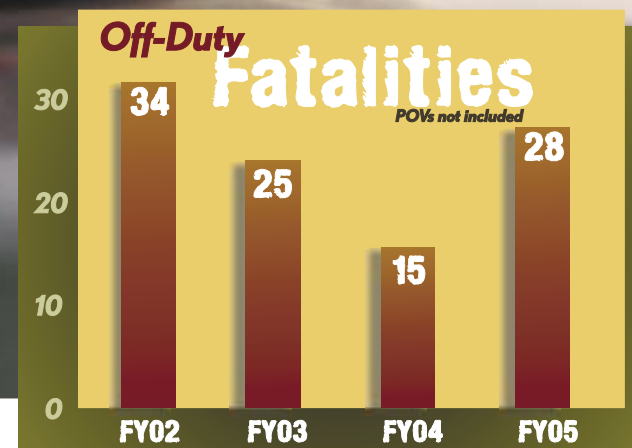
Off-duty sports connected to Army fatalities

Outdoor sports:

Hiking
Hunting
Mountain/
Rock climbing
Snow sledding

Water sports:

Swimming
Boating
Canoeing
Diving
Fishing
Jet skiing
Scuba diving



Own the Edge Campaign Objective



The only goal for the Own the Edge Campaign 2006 is to enable Soldiers and civilians to get the job done while reducing Army loss—any other result is unacceptable.

Achieving our overall reduction of Army losses requires an increased emphasis, development and implementation of specific safety programs and the CRM concept.

Own the Edge

“Own the Edge” implies Soldiers can push themselves to the limit while maintaining control, thus giving them an advantage in any situation. Soldiers typically consider themselves to be on the edge, always ready for whatever comes. CRM enables them to think smarter, take control, and actually Own the Edge.

As we start another fiscal year, the Army is launching a new campaign to



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get the CRM message down to first-line supervisors and individual Soldiers. This message is CRM enables every Soldier to Own the Edge wherever they’re operating. CRM teaches Soldiers how to think—not what to think—and challenges them

- Produce leaders who practice mentoring and instructing their Soldiers on the use of CRM for all operations and activities, conduct accident reporting, use the Army Readiness Assessment Program to continually assess units in safety areas and unit climate
 - Ensure all required and necessary safety training is provided
 - Create an effective organization by properly staffing and resourcing the command safety program



to be smart about managing risks. This concept puts individual Soldiers and leaders in control of how far on the edge they can operate. Once Soldiers internalize CRM, they begin making smart risk decisions wherever they are—be it in theater, in garrison, at home or on the road. Safety transcends from nothing more than a separate paragraph in an operations order or an afterthought during mission planning to something instinctive and intuitive. With CRM, Soldiers become more lethal and ready so they’re not just on the edge, they Own the Edge!

When Soldiers learn, understand and apply the CRC concepts and tools, they can “Own the Edge” without even knowing they are managing risk because it becomes instinctive, intuitive and predictive.

CRC Tools and Initiatives

Leadership and Mentoring

• Commander's Corner:

A consolidated Web site that provides all the necessary tools and actions for commanders

• Army Readiness

Assessment Program (ARAP):

A Web-based initiative that provides battalion-level commanders with data on their formation's readiness posture

• Risk Management

Information System (RMIS):

A digital tool for problem-solution pairing in accidental hazard identification

• Accident Reporting

Automation System (ARAS):

A Web-based, electronic method of completing initial notifications and reporting accidents

• Loss Reporting

Automated System (LRAS):

A "system of systems" that serves as a platform for data collection and feeds a comprehensive data warehouse

• Preliminary Loss Reports:

Advance e-mail notification/information on losses in near real-time, increasing situational awareness

• Got Risk?:

A weekly review highlighting the previous week's accidents and fatalities presented in a form that can be used during training time to promote CRM discussions

• Army Safety Management

Information System-1

(ASMIS-1, Air & Ground):

A Web-based, automated risk management tool that leverages known accident hazard information and available technology to provide practical experience to young leaders

• Army Safety Management Information System-2 (ASMIS-2, POV):

A trip-planning tool that incorporates a combination of graphics and short, powerful messages to assist users in their CRM process while operating POVs

Training and Education

• Motorcycle Mentorship Program:

Voluntary installation-level motorcycle clubs where less experienced riders and seasoned riders can create a supportive environment of motorcycle riding and enjoyment

• Army Safe Driver Training:

Mobile Training Team provides hands-on, skill-related instruction using both tactical vehicles and GSA vehicles

• CRC monthly media publications:

Impax—A driving and off-duty safety magazine

Countermeasure—A ground safety magazine

Flightfax—An aviation safety magazine

• Composite Risk Management Integration Division :

Mobile Training Team provides worldwide two, three and five-day CRM integration training for Soldiers, junior officers/NCOs and senior leaders

• Career Program - 12 (CP-12):

Joint Service Safety and Occupational Health Training for safety interns and careerists, to include a 15-week Phase I resident course and a myriad of specialized safety courses that support the CP-12 intern and careerist throughout their professional development lifecycle

• Aviation Safety Training Division:

Training provides joint and combined courses of instruction

to include the six-week resident Aviation Safety Officer Course, two-week resident Aviation Safety Officer Refresher Course, and one-week resident and non-resident Accident Investigation Board President Course

9 Site

The 9 site is designed for Soldiers to have easy access, just two clicks away, from all the essential tools and information needed to make informed decisions using CRM. The Web site is broken into categories, allowing users to easily navigate to their specific safety area of interest.



The power of LRAS.

LRAS collects information about all Army loss. Information is quickly and accurately collected from different sources, paving the way for trend analysis, data mining, and predictive analysis. This collection of data forms the basis of powerful, actionable knowledge provided to the field to prevent future losses and preserve combat power.



On the Web

<https://crc.army.mil>

Program Quick Links

Accident Reporting (ARAS)

Army Safe Driver Training

Army Safety System (ASMIS-1)

Close Call

Combat Readiness University

Commander's Corner

Got Risk?

Loss Reporting (LRAS)

Motorcycle Mentorship Program

POV Risk Assessment (ASMIS-2)

Preliminary Loss Report (PLR)

Readiness Assessment Program (ARAP)

Risk Management Integration

Risk Management System (RMIS)

RMIS Quick Search

9 Site

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The Way Ahead

Our Army's transition to a more focused CRM mindset requires a change in culture and behavior. The message is our warfighters are on the leading edge and cutting edge, and by virtue of sound CRM, they improve their combat readiness and "Own the Edge." This campaign is a knowledge-based strategy emphasizing CRC tools and programs to support and improve combat readiness and reduce Army loss.

Improving combat readiness one boot print at a time.



THE MISSION

The mission of the
U.S. Army Combat
Readiness Center
is to improve
combat readiness
and preserve
combat power.



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